

**Amendment and Response**

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Serial No.: 10/050,218

Confirmation No.: 6396

Filed: 15 January 2002

For: TERNARY PHOTOINITIATOR SYSTEM FOR CATIONICALLY POLYMERIZABLE RESINS

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**Remarks**

The Office Action mailed 28 July 2003 has been received and reviewed. Claim 14 having been canceled, claims 1-2, 18-21, 25-27, and 45 having been amended, the pending claims are claims 1-13 and 15-45.

Claim 1 has been amended to recite that the electron donor compound is selected from the group consisting of polycyclic aromatic compounds and N-alkyl carbazole compounds, which is supported, for example, by originally filed claim 18. Claims 2 and 45 have been amended to recite that the electron donor compound has a  $pK_b$  greater than 8, which is supported, for example, by originally filed claim 14, now canceled. Claims 18, 20-21, and 25-27 have been rewritten in independent form. Claim 19 has been amended to depend from claim 18.

Reconsideration and withdrawal of the rejections are respectfully requested.

**Allowable Subject Matter**

Applicants thank the Examiner for Notification to the effect that claims 36-44 have been allowed.

Applicants also thank the Examiner for indicating that claims 14, 18-21, 25-27, and 31 would be allowable if rewritten in independent form. Claims 18, 20-21, and 25-27 having been rewritten in independent form, and claim 19 having been amended to depend from claim 18, Applicants respectfully submit that claims 18-21 and 25-27 are in condition for allowance.

The claim language of claim 14, which was dependent from claim 2, has been incorporated into independent claim 2. Thus, Applicants respectfully submit that independent claim 2 (as amended), and dependent claims 3-13, 15-17, and 22-24 are also in condition for allowance.

The claim language of claim 14 has also been incorporated into independent claim 45. Applicants respectfully request that the Examiner enter, consider, and pass on to allowance independent claim 45 for at least the reasons cited herein above for the patentability of, for example, claim 2 (as amended).

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The Examiner rejected claim 1 under 35 U.S.C. §102(b) as being anticipated by U.S. Pat. Nos. 6,151,433 and 6,085,004 (Dower et al.). The Examiner rejected claims 1-4, 7-13, 15-17, 22-24, and 45 under 35 U.S.C. §102(e) as being anticipated by U.S. Pat. No. 6,331,080 (Cole et al.). The Examiner rejected claim 1 under 35 U.S.C. §102(b) as being anticipated by U.S. Pat. Nos. 4,828,583 and 4,735,632 (Oxman et al.). The Examiner rejected claims 1-13, 16-17, 22-24, 28-30, 32-35, and 45 under 35 U.S.C. §102(e) as being anticipated by Oxman et al. (U.S. Patent No. 6,187,836 B1) as evidenced by Dower et al. (U.S. Patent No. 6,085,004). Applicants respectfully traverse the rejections.

Independent claim 2 having been amended to incorporate the language of dependent claim 14, now canceled, Applicants respectfully submit that the rejections of independent claim 2 and dependent claims 3-13, 15-17, and 22-24 have been obviated.

Independent claim 45 has also been amended to incorporate the language of claim 14, now canceled. Applicants respectfully submit that independent claim 45 recites language similar to that of, for example, claim 2 (as amended), and is patentable for reasons similar to those for the patentability of claim 2 (as amended). Thus, Applicants respectfully submit that the rejections of claim 45 has been obviated.

Independent claim 28 recites "a polycyclic aromatic electron donor compound." Applicants respectfully submit that independent claim 28, and dependent claims 29-35, are patentable for at least the reasons cited by the Examiner for the patentability of, for example, claim 18. Further, claims 32-33 are included in the above rejections under 35 U.S.C. §102. However, claims 32-33 depend from claim 31, which the Examiner has indicated is allowable. Clarification of the rejection, if any, is respectfully requested in the next Official Communication.

Independent claim 1 has also been amended to incorporate the language "wherein the electron donor compound is selected from the group consisting of polycyclic aromatic

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compounds and N-alkyl carbazole compounds" found in allowable claim 18. Applicants respectfully submit that the language of claim 1 is neither disclosed nor suggested by the cited documents. Applicants respectfully request that claim 1 (as amended) also be considered and passed on to allowance.

**Summary**

It is respectfully submitted that all the pending claims are in condition for allowance and notification to that effect is respectfully requested. The Examiner is invited to contact Applicants' Representatives, at the below-listed telephone number, if it is believed that prosecution of this application may be assisted thereby.

Respectfully submitted for  
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By

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November 28, 2003  
Date

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**CERTIFICATE UNDER 37 CFR §1.8:**

The undersigned hereby certifies that the Transmittal Letter and the paper(s), as described hereinabove, are being transmitted by facsimile in accordance with 37 CFR §1.6(d) to the Patent and Trademark Office, addressed to Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 28<sup>th</sup> day of November, 2003, at 5:00 PM (Central Time).

By: Name: Loren D. Albin